09/213,856

SPEECH COMMAND INPUT RECOGNITION SYSTEM FOR INTERACTIVE COMPUTER DISPLAY WITH INTERPRETATION OF ANCILLARY RELEVANT SPEECH QUERY TERMS INTO COMMANDS

Abstract

5   In an interactive computer controlled display system
with speech command input recognition and visual feedback
including means for predetermining a plurality of speech
commands for respectively initiating each of a
corresponding plurality of system actions in combination
10   with means for providing for each of said plurality of
commands, an associated set of speech terms, each term
having relevance to its associated command. Also
included are means for detecting speech command and
speech terms. Responsive to such detecting means, the
15   system provides means responsive to a detected speech
command for displaying said command, and means responsive
to a detected speech term having relevance to one of said
commands for displaying the relevant command. The system
further comprehends interactive means for selecting a
20   displayed command to thereby initiate a system action;
these selecting means are preferably speech command input
means. The system preferably displays the basic speech
commands simultaneously along with the relevant commands.

     In accordance with an aspect of the present
25   invention, the means for providing said associated set of
speech terms comprise a stored relevance table of
universal speech input commands and universal computer
operation terms conventionally associated with actions
initiated by said input commands, and means for relating
30   the particular interactive interface terms of said system
with terms in said relevance table.